

## ABSTRACT

A catalyst-supporting fiber structure having a catalyst supported on a fiber constituting a fiber structure having both thorough flexibility and catalyst supporting performance, wherein the fiber has an average fiber diameter of not more than 1  $\mu\text{m}$ , and a fiber having a fiber length of not more than 20  $\mu\text{m}$  is not substantially contained.

Since the subject fiber structure is excellent in catalyst-supporting characteristic, for example, it is possible to provide a fiber structure having an extremely high ability to degrade harmful chemicals.